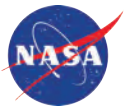




International OBSERVE
THE **MOON** NIGHT 2020

SATURDAY 26TH
SEPTEMBER



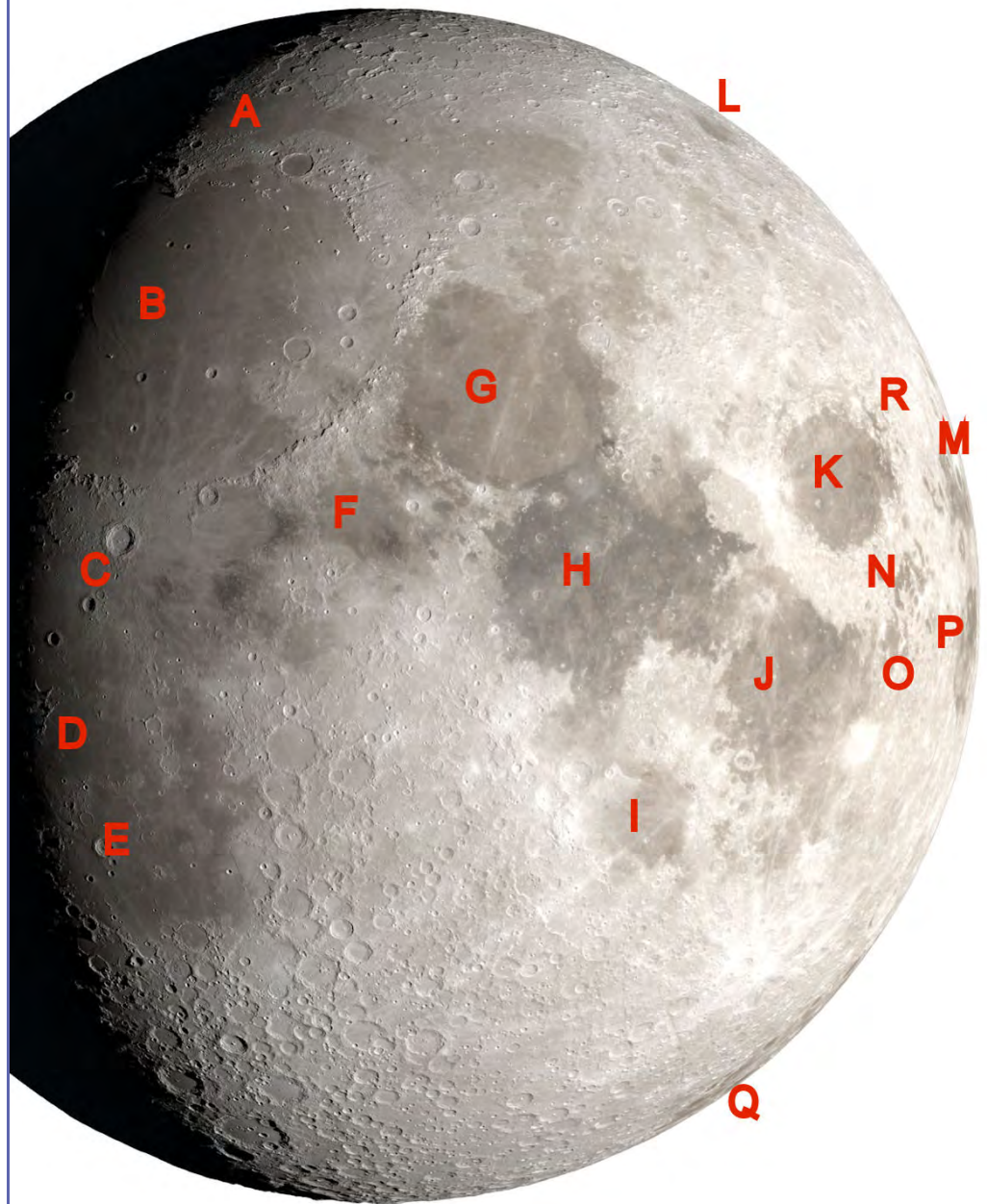
**NORTHERN HEMISPHERE MOON MAP
with LUNAR MARIA (SEAS)**

Moon Map

This map depicts the Moon as it will appear from the northern hemisphere at approximately 10:00 PM EDT and 7:00 PM PDT on International Observe the Moon Night, September 26, 2020. Many of the best views will occur along the terminator (the line between the day and night side of the Moon).

Lunar Maria (Seas)

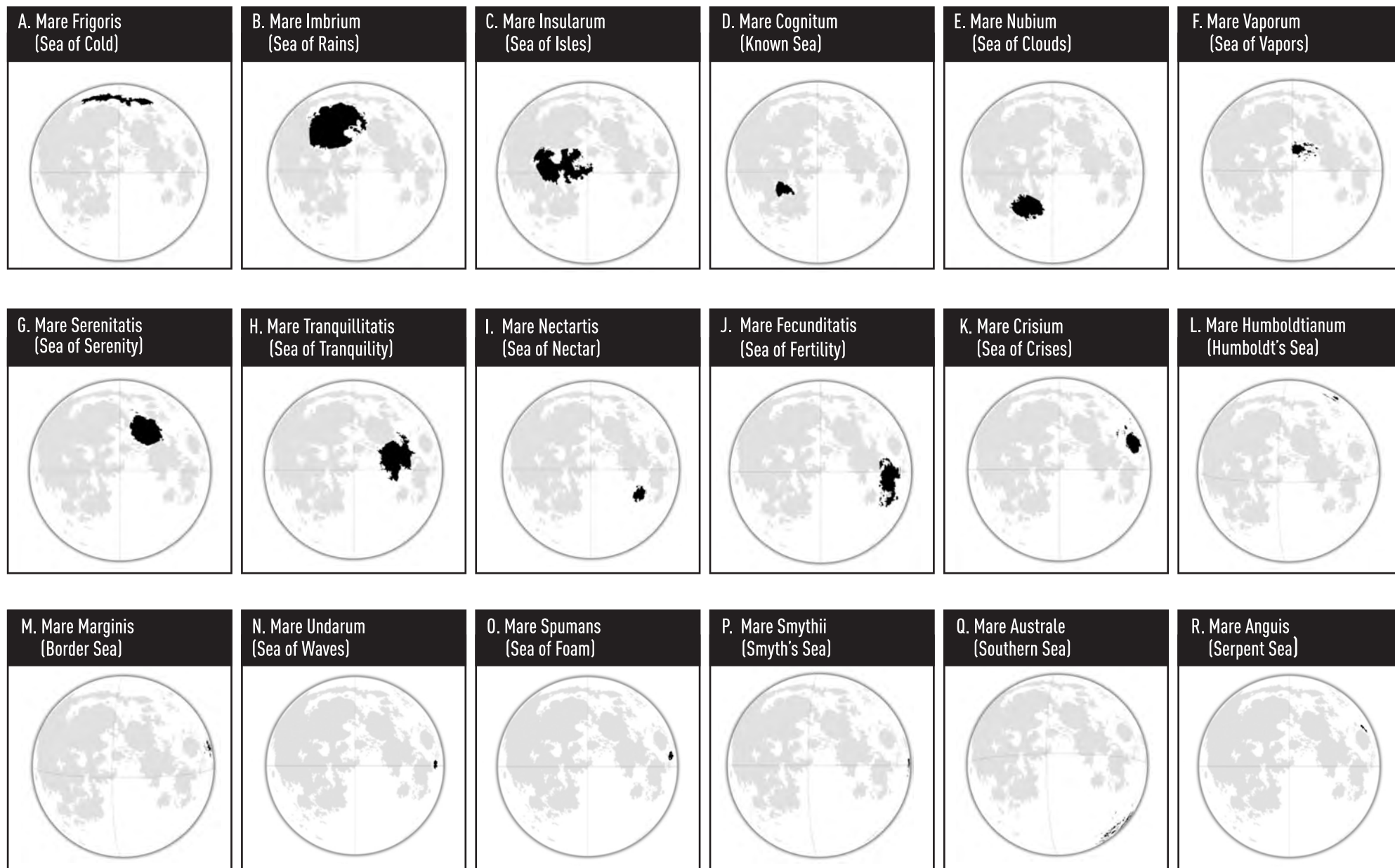
You can see a number of maria tonight. Once thought to be seas of water, these are actually large, flat plains of solidified basaltic lava. They can be viewed in binoculars or even with the unaided eye. Tonight, you may be able to identify 18 maria on the near side of the Moon. This includes four seas along the eastern edge that are often hard to see. Because of libration, a slight apparent wobble by the Moon in its orbit around the Earth, tonight we get to peek slightly around the northeast edge of the Moon, glimpsing a sliver of terrain normally on the Moon's far side.



A. Mare Frigoris (Sea of Cold)
B. Mare Imbrium (Sea of Rains)
C. Mare Insularum (Sea of Isles)
D. Mare Cognitum (Known Sea)
E. Mare Nubium (Sea of Clouds)
F. Mare Vaporum (Sea of Vapors)

G. Mare Serenitatis (Sea of Serenity)
H. Mare Tranquillitatis (Sea of Tranquility)
I. Mare Nectaris (Sea of Nectar)
J. Mare Fecunditatis (Sea of Fertility)
K. Mare Crisium (Sea of Crises)
L. Mare Humboldtianum (Humboldt's Sea)

M. Mare Marginis (Border Sea)
N. Mare Undarum (Sea of Waves)
O. Mare Spumans (Sea of Foam)
P. Mare Smythii (Smyth's Sea)
Q. Mare Australe (Southern Sea)
R. Mare Anguis (Serpent Sea)



These charts show the positions and extents of the 18 lunar seas visible on the Moon tonight, with north up and lunar west to the left. Some of the larger seas might be easy for you to see with your unaided eyes. Other smaller seas may provide challenges even through binoculars. Combine these charts with the accompanying map to see how many of the Moon's maria you can track down tonight! Note: three lunar seas that can be sometimes seen on the near side of the Moon are not included here, because they are obscured in the dark western portion of the Moon as seen tonight. They are Mare Humorum, Mare Orientale and Oceanus Procellarum.